

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/507,490
Filing Date	March 13, 2003
First Named Inventor	Meir SHINITZKY
Group Art Unit	1626
Examiner Name	Reitsang Shiao
Attorney Docket Number	SHINITZKY8

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/RS/	AA	US- 4,472,320	09-18-1984	ASHANI et al	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/RS/	AB	WO 00/57865	10-05-2000	Meir SHINITZKY		
/RS/	AC	WO 00/57864	10-05-2000	Meir SHINITZKY		
/RS/	AD	WO 89/45016	09-10-1999	Mark ERION		
/RS/	AE	FR 2 209 553	12-08-1972	Pierre Eugene Chabrier et al		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/RS/	AF	BOYD, R.K. et al "Glycerol 1,2-Cyclic Phosphate in Centric Diatoms" J.Biol. Chem., 262(26) (1987) pp:12406-12408	
	AG	CLARKE, N et al "Enzymic Formation fo Glycerol 1:2-Cyclic Phosphate" Biochem. J. 153 (1976) pp:745-747	
	AH	DAWSON "Advances in Phosphoglyceride Chemistry" Ann.Rptd.Progr. Chem 55 4 (1958) pp 365-376	
	AI	DAWSON et al "The Enzymic Formation of myoinositol 1:2-Cyclic Phosphate from Phosphatidylinositol" Biochem J., 122 (1971) pp: 605-607	
	AJ	FORREST H.S. et al "Nucleotides. Part V. Riboflavin-5' Phosphate" J. Chem.Soc., (1950) 3295-3299	
	AK	FRIEDMAN, P. et al "Conversion of lysophospholipids to cyclic lysophosphatidic acid by phospholipase" D.J. Biol. Chem. 271 (1996) pp: 953-957	
	AL	HAGG, T. et al "Ciliary neurotrophic factor prevents degeneration of adult rat substantia nigr dopaminergic neurons in vivo" Proc. Natl. Acad. Sci., 90 (1993) pp:6315-6319	
	AM	KENNEDY and WEISS "The function of cytidine coenzymes in the biosynthesis of Phospholipides" J. Biol. Chem 222 (1956) p 193-214	
/RS/	AN	KNUSEL, B. et al "Selective and Nonselective Stimulation of Central Choliergic and Dopaminergic Development in vitro by Nerve Growth Factor, Basic Fibroblast Growth Factor, Epidermal Growth Factor, Insulin and the Insulin-like Growth Factors I and II" Neurosci., 10(2) (1990) pp 558-570	

Examiner
Signature

/Rei Tsang Shiao/ (10/29/2007)

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Sheet 2	of 3	Attorney Docket Number	SHINITZKY8

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/RS/	AO	KNUSEL, B. et al "Promotion of central cholinergic and dopaminergic neuron differentiation by brain-derived neurotrophic factor but not neurotrophin 3" Proc. Natl. Acad. Sci. 88 (1991) pp961-965	
	AP	LELOIR, L.F. "The Enzymatic Transformation of Uridine Diphosphate Glucose into a Galactose Derivative" Biochem. Biophys., J., 33 (1951) p 186	
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	AR	MARKHAM, R. et al "The Structure of Ribonucleic Acids" Biochem. J. 52 (1952) p 552-557	
	AS	SHINITZKY, M., et al "Formation of 1,3-cyclic glycerophosphate by the action of phospholipase C on phosphatidylglycerol" J. Biol. Chem. 268 (1993) pp: 14109-14115	
	AT	SHINITZKY, M. et al "Induction of intracellular signaling by cyclic glycerophosphates and their deoxy analogues" Eur. J. Biochem. 267 pp: 2547-2554	
	AU	SU, B., et al "Identification of a Putative Tumor Marker in Breast and Colon Cancer" Cancer Res., 53 (1993) pp: 1751-1754	
	AV	TOMAC, A. et al "Protection and repair of the nigrostriatal dopaminergic system by GDNF in vivo" Nature 373 (1995) pp:335-339	
	AW	UKITA, T., et al "Studies on the Alkaline Hydrolysis of Lecithin: Synthesis of Cyclic 1,2-Glycerophosphate" J.Biol.Chem. 216 (1955) pp: 867-874	
	AX	KINOR, A. et al "CYCLIC GLYCEROPHOSPHATES FOR THE TREATMENT OF PARKINSONS'S DISEASE" Neuroscience Letters 54 (1999) p 24	
	AY	HENSCHLER et al "THE INHIBITORY EFFECT OF NEUROPATHIC ORGANOPHOSPHATE ESTERS ON NEURITE OUTGROWTH IN CELL CULTURES: A BASIS FOR SCREENING FOR DELAYED NEUROTOXICITY" Toxicology in Vitro 6(4) (1992) pp327-335	
V /RS/	AZ	LEES, G. et al "A Simple Polar Deacetylated Caloposide Derivative is a Positive Modulator of the GABA _A Chloride Channel Complex in Cortical Mammalian Neurones" Bioorganic & Medicinal Chemistry Letters 10(15) (2000) pp:1759-1761	

Examiner Signature	/Rei Tsang Shiao/ (10/29/2007)	Date Considered	
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/RS/	BA	HAIMOVITZ et al "Neuronal outgrowth and rescue induced by cyclic phosphates in PC12 cells" Life Sciences 69 (2001) pp: 2711-2723	
	BB	UKITA et al "Organic Phosphates. I. Synthesis of 1,2-Diol Cyclic Phosphates" Pharmaceutical Society of Japan 5(2) (1957) pp: 121-126	
	BC	REVEL M. et al "Heterocycles contenant du Phosphore" Organic Magnetic Resonance 8(8) pp:399-406	
	BD	AYRES, D ET AL "The Organic Chemistry of Phosphorus. Part V. The Esterinterchange Reaction between Triphenyl Phosphite and Glycols" Journal of the Chemical Society (1957) pp: 1109-1114	
	BE	CHABRIER et al "Influence de la phosphorylation sur les propriétés pharmacologiques des composés biologiquement actifs" Annales Pharmaceutiques Françaises 38(1) (1980) pp 65-74	
	BF	CHABRIER et al "Influence de la phosphorylation sur les propriétés des composés biologiquement actifs" Annales Pharmaceutiques Françaises 36(7-8) (1978) pp: 341-348	
	BG	LEADER et al "Reversible Masking of Acetylcholinesterase by Covalent Phosphorylation in the Presence of a Novel Cyclic Phosphate Ester" ACS Symposium Series 171 (1982) pp: 179-182	
	BH	LAVEY, B.J. et al "Catalytic Antibody Mediated Hydrolysis of Paraaxon" Journal of Organic Chemistry 61(21) (1996) pp:7633-7636	
V /RS/	BI	LAVEY, B.J. et al "Antibody Catalyzed Hydrolysis of a Phosphotriester" Bioorganic & Medicinal Chemistry Letters 6(13) (1996) pp:1523-1524	

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